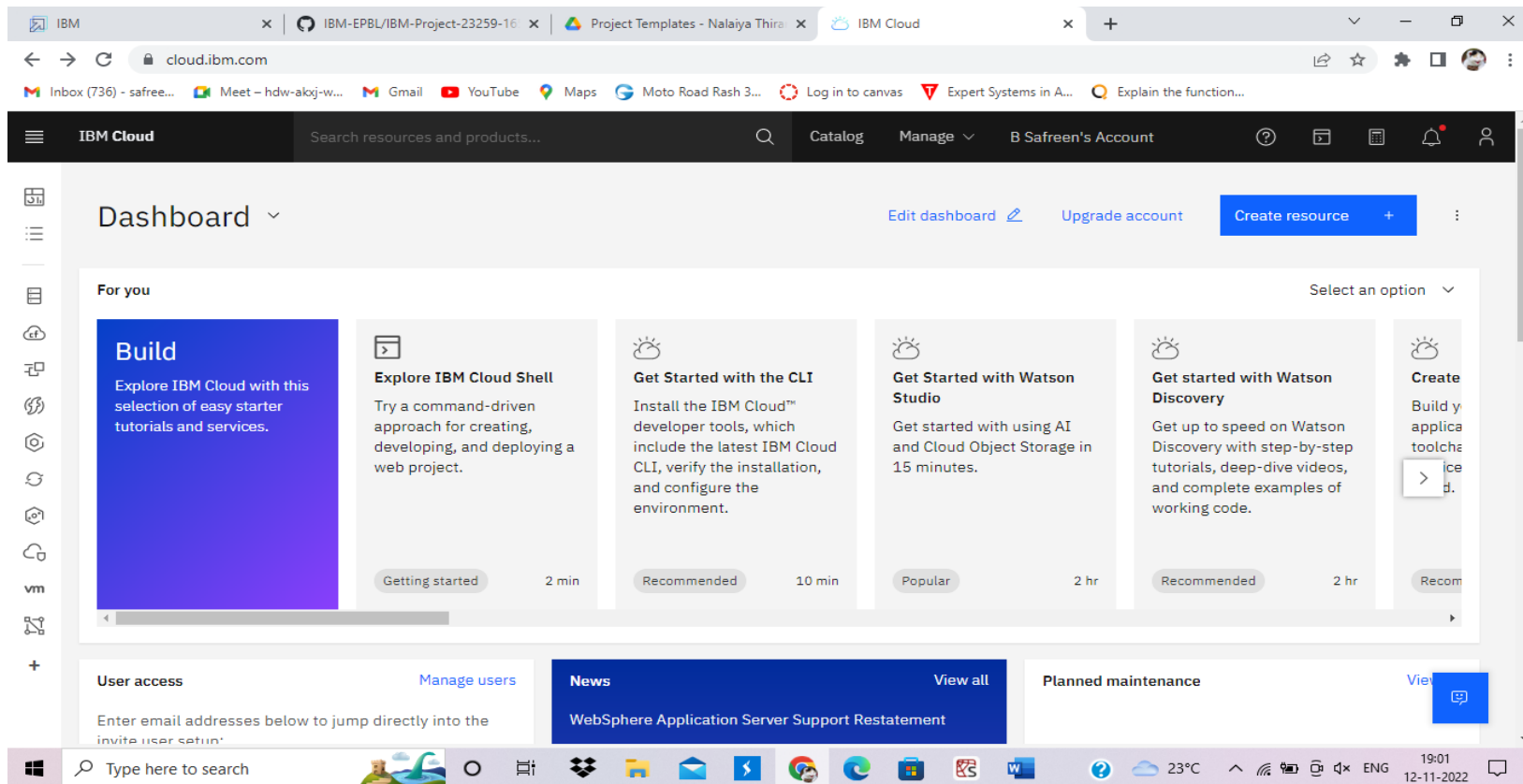


# Developing a Chatbot

## Building Chatbot

|              |   |
|--------------|---|
| Date         | 7 November 2022                             |
| Team ID      | PNT2022TMID23033                            |
| Project Name | Project – Skill/Job Recommender Application |

### 1. Navigate to cloud.ibm.com



## 2. In the catalog , search for Watson assistant service and click it

The screenshot shows the IBM Cloud catalog page for the Watson Assistant service. The browser tabs include IBM, IBM-EPBL, Project Planning Phase - Google, and Watson Assistant - IBM Cloud. The URL is cloud.ibm.com/catalog/services/watson-assistant. The page header shows the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and B Safreen's Account. The main content area is divided into three sections: a left sidebar with filters, a central configuration area, and a right sidebar with a summary and license agreement.

**Left Sidebar Filters:**

- Type: Service
- Provider: IBM
- Last updated: 11/08/2022
- Category: AI / Machine Learning
- Compliance: EU Supported, HIPAA Enabled, IAM-enabled
- Location: Sydney, Frankfurt, London, Tokyo, Washington DC, Dallas
- Related links

**Central Configuration Area:**

**Create** | **About**

Select a location

Provider: Dallas (us-south)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

| Plan | Features   | Pricing |
|------|--|---------|
| Lite | <b>Everything you need to get started, free for as long as you need it</b><br>Up to 1,000 unique monthly active users (MAUs) chatting with your assistant<br>Up to 10,000 messages per month<br>--- Features ---<br>- World-class conversational AI with Watson<br>- Make your website assistant your own with Webchat - deploy Webchat in minutes, or use our fully extensible architecture<br>- Bootstrap your assistant by using some of our prebuilt content<br>- Connect to any application or database with a prebuilt | Free    |

**Right Sidebar:**

**Summary**

**Watson Assistant** **Free**

Location: Dallas  
Plan: Lite  
Service name: Watson Assistant-18  
Resource group: Default

☒ I have read and agree to the following license agreements:  
[Terms](#)

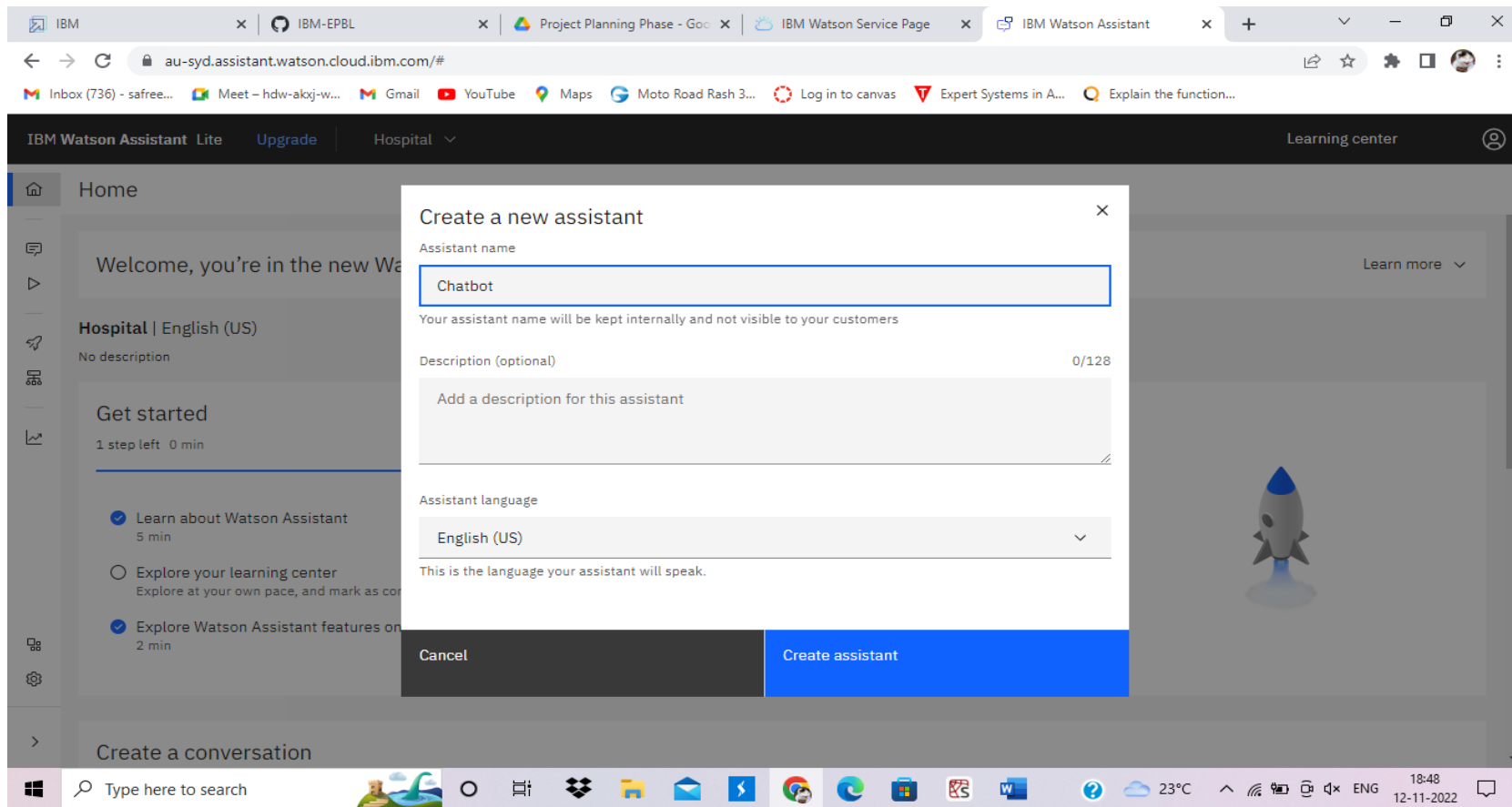
**Create**

**Add to estimate**

## 3. Create the Watson assistant by agreeing to the license agreement. After clicking create button the following page will be displayed

The screenshot shows the IBM Cloud Watson Assistant management interface. The browser's address bar displays the URL: `cloud.ibm.com/services/conversation/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2Ff86e9ff943a54e8e95a9ca913685a72a%3Add8058f7-3...`. The IBM Cloud header includes a search bar and navigation links for 'Catalog', 'Manage', and 'B Safreen's Account'. The main content area is titled 'Watson Assistant-1g' and is marked as 'Active'. A left sidebar contains a 'Manage' section with links for 'Service credentials', 'Plan', and 'Connections'. The main panel features a 'Start by launching the tool' section with a prominent blue 'Launch Watson Assistant' button, alongside links for 'Getting started tutorial' and 'API reference'. To the right, a 'Plan Lite' section shows an 'Upgrade' button. Below the launch section, a 'Credentials' section displays the 'API key' and 'URL' fields, each with a copy icon. The Windows taskbar at the bottom shows the search bar, various application icons, and system status information including the date '12-11-2022' and time '18:47'.

4. Click Launch Watson Assistant , and create the Asssitant by giving assistant name and click create



5. **Develop the Actions needed for our webpage. For our webpage we need to create the chatbot for skill/Job recommender Application , so we provided the steps for our application**

The screenshot displays the IBM Watson Assistant web interface. The browser's address bar shows the URL: `au-syd.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2Ff86e9ff943a54e8e95a9ca913685a72a%3Add8058f7...`. The interface includes a top navigation bar with 'IBM Watson Assistant Lite', 'Upgrade', 'Chatbot', and 'Learning center'. The main workspace is divided into three sections:

- Customer starts with:** A dropdown menu showing 'hello'.
- Conversation steps:** A list of three steps. Step 1 contains the text 'hello How may I assist You?' and a 'Continue to next step' button. Step 2 contains the text 'Want to know about seek job .Visit our website and get jobs according to your skill. It is an easy way to...' and a 'Continue to next step' button. Step 3 is currently selected and contains the text 'This step has no content' and a 'Continue to next step' button.
- Assistant says:** A text area for defining the assistant's response. It includes a rich text editor with formatting options (B, I, link, list, image, video, audio, code) and a placeholder text: 'For example: What type of transfer would you like to make?'. Below this is a 'Define customer response' dropdown menu.

At the bottom right of the workspace, there is a 'Preview' button with a play icon. The Windows taskbar at the bottom shows the system clock as 18:50 on 12-11-2022.

- After creating the assistant , preview it and copy the link to share. Then go to environment and click Embed. In that the script code will be displayed , Copy the code and embed in your html page.

```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "7cb16381-61ae-455f-8312-8aedf4ae1f9b", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "7ee7effa-bbb2-471b-a5c1-78adad21acf9", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') +
  "/WatsonAssistantChatEntry.js";
  document.head.appendChild(t);
});
</script>
```

### Our Chatbot Link

<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-7ee7effa-bbb2-471b-a5c1-78adad21acf9%3A%3A1662a75d-8f74-47fb-aeca-9e0185ba2abe&integrationID=7cb16381-61ae-455f-8312-8aedf4ae1f9b&region=au-syd&serviceInstanceID=7ee7effa-bbb2-471b-a5c1-78adad21acf9>